

FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0020001	APPLICATION NO. 09/275,883
	APPLICANT Renner <i>et al.</i>	
	FILING DATE March 25, 1999	GROUP 1633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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RS	AK1	5,766,602	06/16/1998	Xiong, <i>et al.</i>	424	218.1	01/19/1995

FOREIGN PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

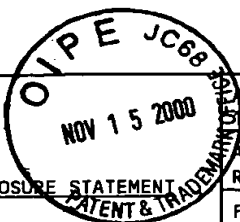
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Page 1 of 11



FORM PTO-1449	PRIORITY DOCKET NO. 1700.0020001	APPLICATION NO. 09/275,883
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		
APPLICANT Renner et al.		
FILING DATE March 25, 1999		GROUP 1632

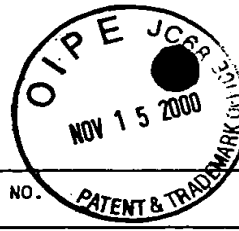
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(P)	AA2	5,792,462	08/11/1998	Johnston, R.E. et al.	424	199.1	05/23/1995
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
RS	AS	31	Caley, I.J. et al., "Humoral, Mucosal, and Cellular Immunity in Response to a Human Immunodeficiency Virus Type 1 Immunogen Expressed by a Venezuelan Equine Encephalitis Virus Vaccine Vector," <i>J. Virology</i> 71:3031-3038, American Society for Microbiology (April 1997)
RS	AT	31	Ciccarone, V. et al., "pSFV1 Eukaryotic Expression Vector: A Novel Protein Expression System," <i>Focus</i> 15:103-105, Life Technologies, Inc. (1993)

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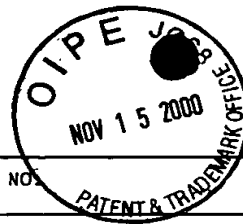
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PS	AR	32	Davis, N.L. <i>et al.</i> , "A Viral Vaccine Vector That Expresses Foreign Genes in Lymph Nodes and Protects against Mucosal Challenge," <i>J. Virology</i> 70:3781-3787, American Society for Microbiology (1996)
PS	AS	32	DiCiommo, D.P. and R. Bremner, "Rapid, High Level Protein Production Using DNA-based Semliki Forest Virus Vectors," <i>J. Biol. Chem.</i> 273:18060-18066, The American Society for Biochemistry and Molecular Biology, Inc. (July 1998)
PS	AT	32	Grakoui, A. <i>et al.</i> , "A <i>cis</i> -Acting Mutation in the Sindbis Virus Junction Region Which Affects Subgenomic RNA Synthesis," <i>J. Virology</i> 63:5216-5227, American Society for Microbiology (1989)

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Page 3 of 11

FORM PTO-1449

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09/275,883

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Renner *et al.*FILING DATE
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RS	AR	33	Guan, H. <i>et al.</i> , "RNA promoters located on (-)-strands of a subviral RNA associated with turnip crinkle virus," <i>RNA</i> 3:1401-1412, Cambridge University Press (December 1997)
RS	AS	33	Khromykh, A.A. and E.G. Westaway, "Subgenomic Replicons of the Flavivirus Kunjin: Construction and Applications," <i>J. Virology</i> 71:1497-1505, American Society for Microbiology (February 1997)
RS	AT	33	Khromykh, A.A. <i>et al.</i> , "trans-Complementation of Flavivirus RNA Polymerase Gene NS5 by Using Kunjin Virus Replicon-Expressing BHK Cells," <i>J. Virology</i> 72:7270-7279, American Society for Microbiology (September 1998)

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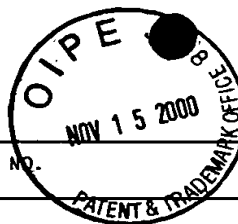
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NOV 20 2000

Page 4 of 11

1600/2900



FORM PTO-1449

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09/275,883

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	34	Khromykh, A.A. <i>et al.</i> , "Efficient <i>trans</i> -Complementation of the Flavivirus Kunjin NS5 Protein but Not of the NS1 Protein Requires Its Coexpression with Other Components of the Viral Replicase," <i>J. Virology</i> 73:10272-10280, American Society for Microbiology (December 1999)
RS	AS	34	Kohn, A. <i>et al.</i> , "Semliki Forest Virus-based DNA expression vector: transient protein production followed by cell death," <i>Gene Therapy</i> 5:415-418, Stockton Press (March 1998)
RS	AT	34	Kuhn, R.J. <i>et al.</i> , "Mutagenesis of the 3' Nontranslated Region of Sindbis Virus RNA," <i>J. Virology</i> 64:1465-1476, American Society for Microbiology (1990)

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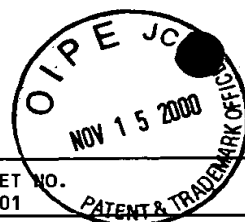
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NOV 20 2000



8 1600/2900
Page 5 of 11

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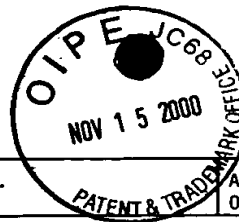
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	35	Kujala, P. <i>et al.</i> , "Monoclonal antibodies specific for Semliki Forest virus replicase protein nsP2," <i>J. Gen. Virology</i> 78:343-351, Society for General Microbiology (February 1997)
PS	AS	35	Laakkonen, P. <i>et al.</i> , "Alphavirus Replicase Protein NSP1 Induces Filopodia and Rearrangement of Actin Filaments," <i>J. Virology</i> 72:10265-10269, American Society for Microbiology (December 1998)
PS	AT	35	Lama, J. <i>et al.</i> , "Genetic analysis of poliovirus protein 3A: characterization of a non-cytopathic mutant virus defective in killing Vero cells," <i>J. Gen. Virology</i> 79:1911-1921, Society for General Microbiology (August 1998)

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NOV 20 2000

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Page 6 of 11

FORM PTO-1449

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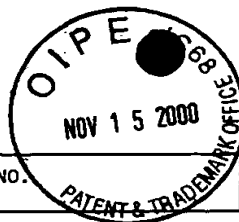
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RS	AR	36	Landis, H. <i>et al.</i> , "Human MxA Protein Confers Resistance to Semliki Forest Virus and Inhibits the Amplification of a Semliki Forest Virus-Based Replicon in the Absence of Viral Structural Proteins," <i>J. Virology</i> 72:1516-1522, American Society for Microbiology (February 1998)
RS	AS	36	Levis, R. <i>et al.</i> , "Promoter for Sindbis Virus RNA-Dependent Subgenomic RNA Transcription," <i>J. Virology</i> 64:1726-1733, American Society for Microbiology (1990)
RS	AT	36	O'Reilly, E.K. <i>et al.</i> , "Interactions between the Structural Domains of the RNA Replication Proteins of Plant-Infecting RNA Viruses," <i>J. Virology</i> 72:7160-7169, American Society for Microbiology (September 1998)

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Page 7 of 11

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	<u>37</u>	Polo, J.M. <i>et al.</i> , "Stable alphavirus packaging cell lines for Sindbis virus- and Semliki Forest virus-derived vectors," <i>Proc. Natl. Acad. Sci. USA</i> 96:4598-4603, The National Academy of Sciences of the USA (April 1999)
RS	AS	<u>37</u>	Pugachev, K.V. and T.K. Frey, "Effects of Defined Mutations in the 5' Nontranslated Region of Rubella Virus Genomic RNA on Virus Viability and Macromolecule Synthesis," <i>J. Virology</i> 72:641-650, American Society for Microbiology (January 1998)
RS	AT	<u>37</u>	Pushko, P. <i>et al.</i> , "Replicon-Helper Systems from Attenuated Venezuelan Equine Encephalitis Virus: Expression of Heterologous Genes <i>in Vitro</i> and Immunization against Heterologous Pathogens <i>in Vivo</i> ," <i>Virology</i> 239:389-401, Academic Press (December 1997)

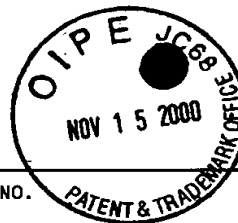
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Page 8 of 11
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	38	Rikkonen, M., "Functional Significance of the Nuclear-Targeting and NTP-Binding Motifs of Semliki Forest Virus Nonstructural Protein nsP2," <i>Virology</i> 218:352-361, Academic Press (1996)
RS	AS	38	Roks, A.J.M. <i>et al.</i> , "Vectors based on Semliki Forest virus for rapid and efficient gene transfer into non-endothelial cardiovascular cells: comparison to adenovirus," <i>Cardiovascular Res.</i> 35:498-504, Elsevier Science B.V. (September 1997)
RS	AT	38	Scallan, M.F. <i>et al.</i> , "bcl-2 Acts Early To Restrict Semliki Forest Virus Replication and Delays Virus-Induced Programmed Cell Death," <i>J. Virology</i> 71:1583-1590, American Society for Microbiology (February 1997)

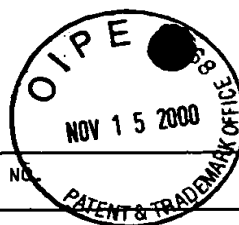
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Page 9 of 11

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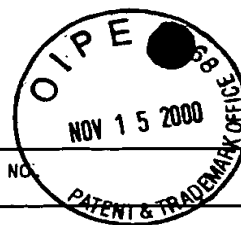
PS	AR	39	Schneider-Schaulies, S. <i>et al.</i> , "Cell Type-Specific MxA-Mediated Inhibition of Measles Virus Transcription in Human Brain Cells," <i>J. Virology</i> 68:6910-6917, American Society for Microbiology (1994)
RS	AS	39	Schnorr, J.-J. <i>et al.</i> , "MxA-Dependent Inhibition of Measles Virus Glycoprotein Synthesis in a Stably Transfected Human Monocytic Cell Line," <i>J. Virology</i> 67:4760-4768, American Society for Microbiology (1993)
RS	AT	39	Siegel, R.W. <i>et al.</i> , "Sequence-specific recognition of a subgenomic RNA promoter by a viral RNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 94:11238-11243, The National Academy of Sciences of the USA (October 1997)

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RS	AR	40	Turina, M. <i>et al.</i> , "Nucleotide Sequence and Infectivity of a Full-Length cDNA Clone of Panicum Mosaic Virus," <i>Virology</i> 241:141-155, Academic Press (February 1998)
RS	AS	40	Van Dinten, L.C. <i>et al.</i> , "An infectious arterivirus cDNA clone: Identification of a replicase point mutation that abolishes discontinuous mRNA transcription," <i>Proc. Natl. Acad. Sci. USA</i> 94:991-996, The National Academy of Sciences of the USA (February 1997)
RS	AT	40	Wang, J. and A.E. Simon, "Analysis of the Two Subgenomic RNA Promoters for Turnip Crinkle Virus <i>in Vivo</i> and <i>in Vitro</i> ," <i>Virology</i> 232:174-186, Academic Press (May 1997)

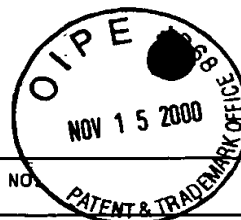
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Page 11 of 11

TECH CENTER 1600/2900

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RS	AR	41	Wengler, G., "Chapter 16. Effects of Alphaviruses on Host Cell Macromolecular Synthesis," in <i>The Togaviruses. Biology Structure, Replication</i> , R.W. Schlesinger, ed., Academic Press, New York, NY, pp. 459-472 (1980)
RS	AS	41	Zhang, J. <i>et al.</i> , "Cloning of human IL-12 p40 and p35 DNA into the Semliki Forest virus vector: expression of IL-12 in human tumor cells," <i>Gene Therapy</i> 4:367-374, Stockton Press (April 1997)
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